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12/22/00

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

EPA Region 5 Records Ctr.



269662

I. HEADING

Date: December 22, 2000

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Subject: 76th and Albany Site

POLREP#: Polrep # 1 (Initial)

II. BACKGROUND

Site ID No.: A541

Delivery Order No.: 68-S5-98-02

Response Authority: CERCLA (ERB)

CERCLA Incident Category: Time-Critical Removal

CERCLIS ID#: ILSFN0507984

NPL Status: Non-NPL

Action Memorandum Signed: November 3, 2000

Start Date: December 18, 2000

Demobilization Date:

Completion Date:

III. RESPONSE INFORMATION

- A. The property known as 76th and Albany consists of a large tract of land some 20 acres in size. The east half of the site operated as a drive-in theater, although it has been closed and abandoned for many years. The west half of the site was apparently vacant land that was leased by the property owners to a construction company as a disposal site for soil, construction debris, and for recycling concrete and asphalt. The construction company abandoned the site in 1993 leaving roughly 400,000 yards of material on site. Subsequent investigations indicated that areas of the site contained other materials including petroleum contaminated soils, and

automobile shredder residue (ASR). Site assessments conducted by the U.S. EPA and the City of Chicago between 1995 and 1999 delineated various locations where substantial amounts of ASR were buried. ASR material contains elevated levels of lead and PCBs which required treatment and specialized disposal. The City acquired the property and initiated a cleanup as part of the redevelopment plan for the area. The City requested assistance from the U.S. EPA to address part of the site where the ASR was exposed on the surface and posed a potential health threat due to the lead and PCB levels. The City started their operations in February of 2000, and after finalizing plans with the City the U.S. EPA scheduled their start date for December of 2000, to address an area of the site that was estimated to contain 10,000 yards of ASR.

B. Action Taken (12-18-00 thru 12-22-00)

Initiated site mobilization activities, acquired office space, heavy equipment transported to site, crew was secured including response manager, clerk, foreman, three operators and a tech. A sole-source contract was proposed to stabilize the lead in the ASR, which is awaiting approval by the Agency contract officer. A series of test pits were excavated to better define the extent of the ASR on site. Initial results indicated the volume of ASR may be substantially higher than originally estimated. Samples were collected from the 10 test pits, composited into 5 samples which were sent for complete disposal analysis to characterize the soils and waste on site.

After treatment begins, the treated ASR/soil will be analyzed every 500 yards for TCLP lead and PCBs. Disposal contracts are in place for the treated waste.

IV. NEXT STEPS

Finalize approval of the sole-source contract with Severson Environmental for lead treatment.

Continue excavation of test pits to define extent of ASR material.

Begin to stockpile ASR/soil for lead stabilization.

V. ISSUES

The severe cold and snow has impacted site operation to some degree.

VI. COST TO DATE as of 12/22/00

| Subject | Amount Budgeted | Amount Used | Amount Remaining |
|------------|-----------------|-------------|------------------|
| U.S. EPA | \$ 23,500 | \$ 3,600 | \$ 19,900 |
| EARTH TECH | \$ 250,000 | \$ 32,300 | \$ 217,700 |
| START | \$ 17,000 | \$ 1,000 | \$ 16,000 |